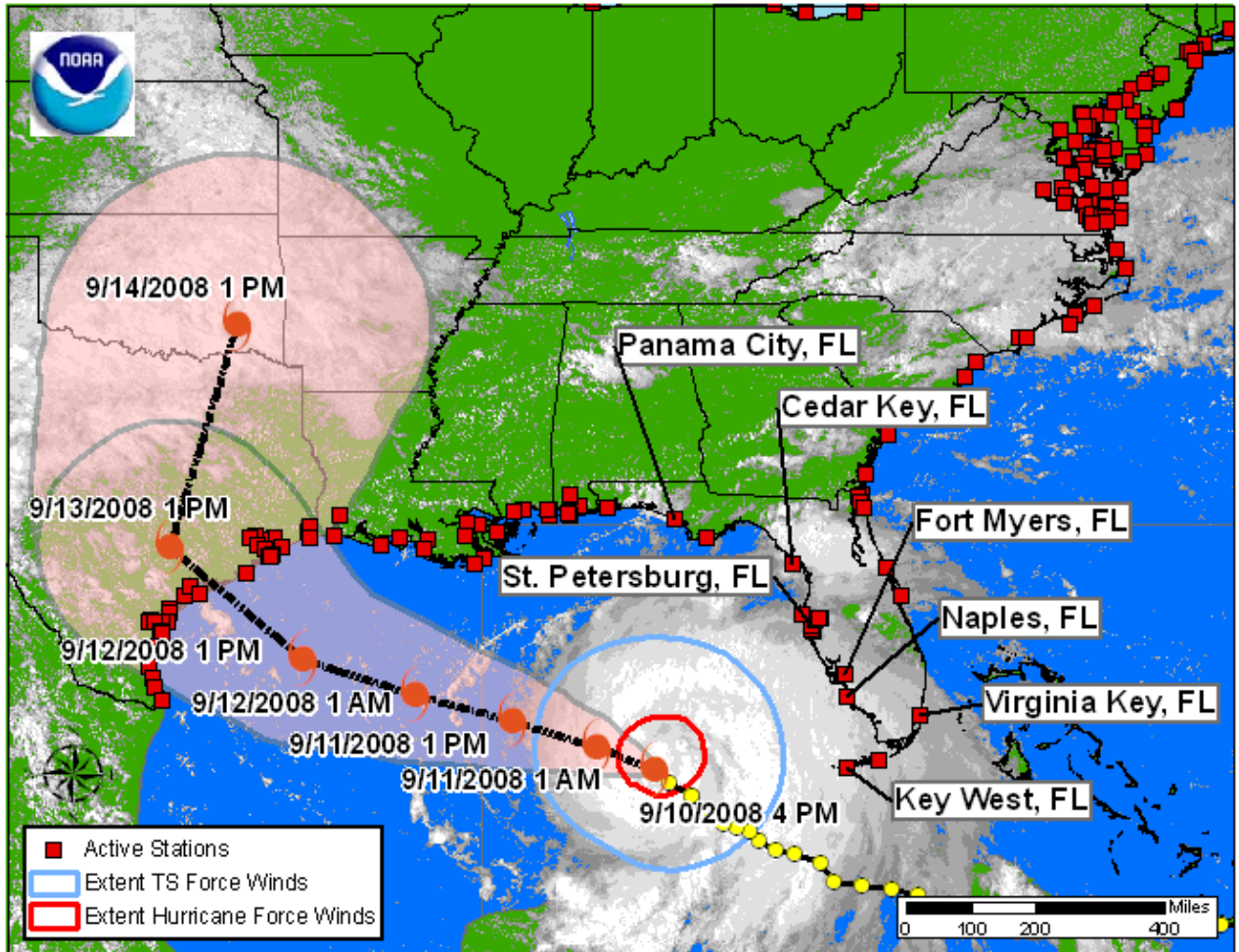




Hurricane IKE QuickLook
Posted: 17:00 CDT 09/10/2008

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 09/10/2008 17:00 CDT, water levels are elevated from southern Florida to the Florida Panhandle and mostly range from 1.1 to 2.75 feet above predicted. Water levels are still increasing from Naples to Panama City, FL. Water level elevation 2.75 feet above predicted is currently observed at Cedar Key, FL. Barometric pressure is rising at Key West.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Key West, FL: Next predicted high tide is 1.30 ft (0.40 m) at 09/10/2008 20:34 EDT.

Virginia Key, FL: Next predicted high tide is 2.2 ft (0.7 m) at 09/10/2008 18:19 EDT.

Naples, FL: Next predicted high tide is 2.40 ft (0.73 m) at 09/10/2008 23:17 EDT.

Fort Myers, FL: Next predicted high tide is 0.97 ft (0.30 m) at 09/11/2008 03:00 EDT.

St. Petersburg, FL: Next predicted high tide is 1.80 ft (0.55 m) at 09/11/2008 02:00 EDT.

Cedar Key, FL: Next predicted high tide is 3.00 ft (0.91 m) at 09/11/2008 00:42 EDT.

Panama City, FL: Next predicted high tide is 1.83 ft (0.56 m) at 09/11/2008 04:36 CDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst: KG

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

**HURRICANE IKE ADVISORY NUMBER 39
400 PM CDT WED SEP 10 2008**

WATCHES AND WARNINGS ISSUED FOR THE GULF COAST

AT 4 PM CDT A TROPICAL STORM WARNING HAS BEEN ISSUED FROM THE MOUTH OF THE MISSISSIPPI RIVER WESTWARD TO CAMERON LOUISIANA. A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED WITHIN THE WARNING AREA WITHIN THE NEXT 24 HOURS.

AT 4 PM CDT A HURRICANE WATCH HAS BEEN ISSUED FROM CAMERON WESTWARD TO PORT MANSFIELD TEXAS. HURRICANE CONDITIONS ARE POSSIBLE WITHIN THE WATCH AREA BY FRIDAY.

A TROPICAL STORM WARNING REMAINS IN EFFECT FROM WEST OF KEY WEST TO THE DRY TORTUGAS.

AT 400 PM CDT THE CENTER OF HURRICANE IKE WAS LOCATED ABOUT 720 MILES EAST OF BROWNSVILLE TEXAS AND ABOUT 370 MILES SOUTH-SOUTHEAST OF THE MOUTH OF THE MISSISSIPPI RIVER.

IKE IS MOVING TOWARD THE NORTHWEST NEAR 8 MPH. A TURN BACK TO A WEST-NORTHWESTWARD MOTION IS EXPECTED TONIGHT AND A MOSTLY WEST-NORTHWESTWARD MOTION THROUGH THE CENTRAL AND WESTERN GULF OF MEXICO IS EXPECTED OVER THE NEXT COUPLE OF DAYS.

MAXIMUM SUSTAINED WINDS ARE NEAR 100 MPH WITH HIGHER GUSTS. IKE IS A CATEGORY TWO HURRICANE ON THE SAFFIR-SIMPSON SCALE. IKE IS EXPECTED TO BECOME A MAJOR HURRICANE WITHIN THE NEXT 24 HOURS.

IKE IS A VERY LARGE TROPICAL CYCLONE. HURRICANE FORCE WINDS EXTEND

OUTWARD UP TO 90 MILES 150 KM FROM THE CENTER AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 205 MILES.

THE LATEST MINIMUM CENTRAL PRESSURE REPORTED BY AN AIR FORCE RESERVE UNIT RECONNAISSANCE AIRCRAFT WAS 958 MB.

COASTAL STORM SURGE FLOODING ALONG THE COASTS OF CUBA AND IN THE FLORIDA KEYS SHOULD CONTINUE TO SUBSIDE TONIGHT. COASTAL STORM SURGE FLOODING OF 3 TO 5 FEET ABOVE NORMAL TIDE LEVELS ALONG WITH LARGE AND DANGEROUS WAVES CAN BE EXPECTED WITHIN THE TROPICAL STORM WARNING AREA. ABOVE NORMAL TIDES OF 2 TO 4 FEET ARE EXPECTED ELSEWHERE ALONG MUCH OF THE NORTH COAST OF THE GULF OF MEXICO DURING THE NEXT DAY OR SO BUT WILL BE INCREASING ALONG THE WESTERN GULF COAST AS IKE APPROACHES.

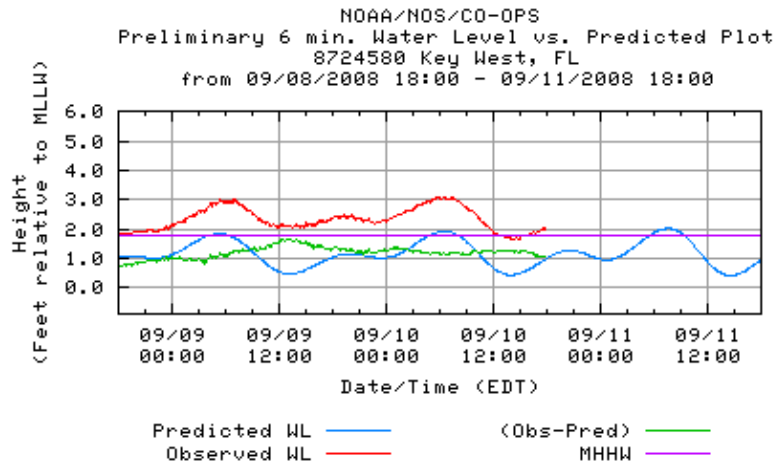
IKE IS EXPECTED TO PRODUCE TOTAL RAINFALL ACCUMULATIONS OF 6 TO 12 INCHES OVER WESTERN CUBA WITH ISOLATED MAXIMUM AMOUNTS OF UP TO 20 INCHES POSSIBLE. THESE RAINS ARE LIKELY TO CAUSE LIFE-THREATENING FLASH FLOODS AND MUD SLIDES OVER MOUNTAINOUS TERRAIN. RAINFALL AMOUNTS OF 1 TO 2 INCHES ARE POSSIBLE OVER EXTREME SOUTHERN LOUISIANA AND OVER THE EXTREME NORTHERN YUCATAN PENINSULA.

FORECASTER FRANKLIN

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Key West - Water Level](#), [Key West - Winds](#), [Key West - Barometric](#), [Key West - Air/Water Temp](#), [Virginia Key - Water Level](#), [Naples - Water Level](#), [Naples - Winds](#), [Naples - Barometric](#), [Naples - Air/Water Temp](#), [Fort Myers - Water Level](#), [Fort Myers - Winds](#), [Fort Myers - Barometric](#), [Fort Myers - Air/Water Temp](#), [St. Petersburg - Water Level](#), [St. Petersburg - Winds](#), [St. Petersburg - Barometric](#), [St. Petersburg - Air/Water Temp](#), [Cedar Key - Water Level](#), [Panama City - Water Level](#), [Panama City - Winds](#), [Panama City - Barometric](#), [Panama City - Air/Water Temp](#),

Key West, FL - Station Map [Return to List](#)

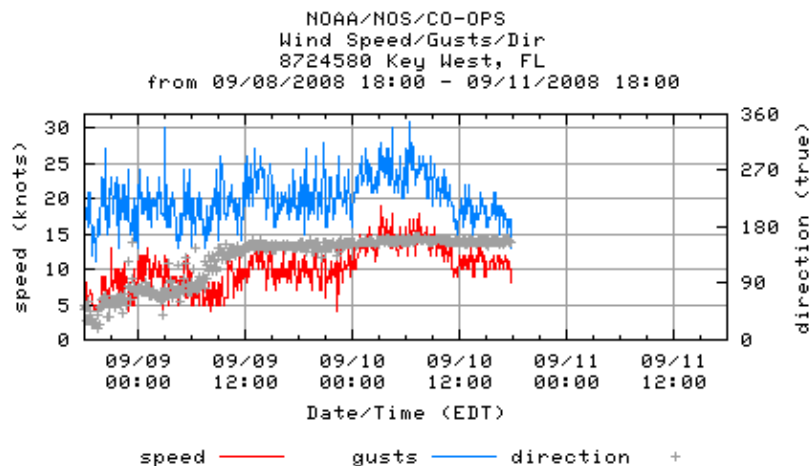


Last Observed Sample: 09/10/2008 17:48 (EDT)

Relative to **MLLW**: **Observed: 2.01 ft. Predicted: 0.96 ft. Residual: 1.05 ft.**

Historical Maximum Water Level: 09/08/1965, 1.93 ft. above **MHHW**

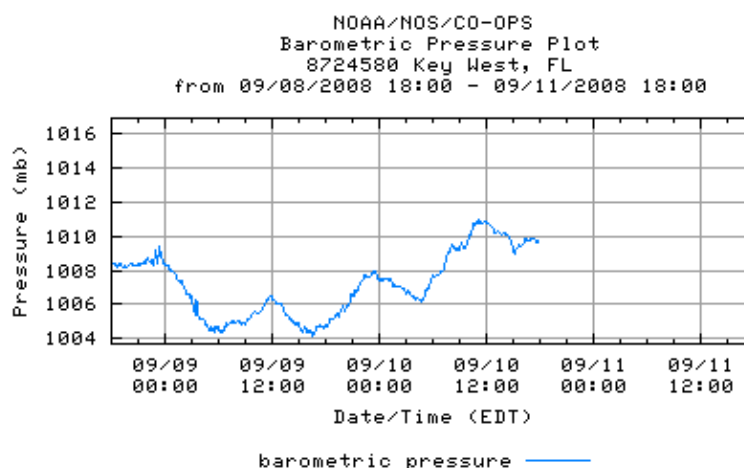
Key West, FL - Station Map [Return to List](#)



Last Observed Sample: 09/10/2008 17:48 (EDT)

Wind Speed: 8 knots Gusts: 13 knots Direction: 157° T

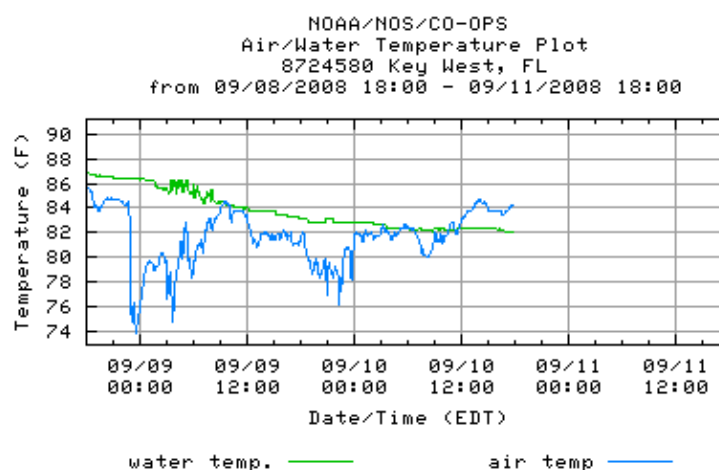
Key West, FL - Station Map [Return to List](#)



Last Observed Sample: 09/10/2008 17:48 (EDT)

Barometric Pressure: 1009.7 mb

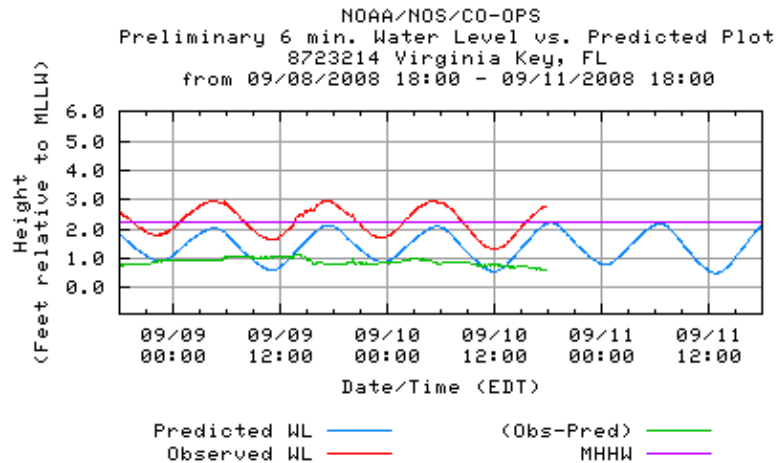
Key West, FL - Station Map [Return to List](#)



Last Observed Sample: 09/10/2008 17:48 (EDT)

Water Temperature: 82.0° F Air Temperature: 84.2° F

Virginia Key, FL - Station Map [Return to List](#)

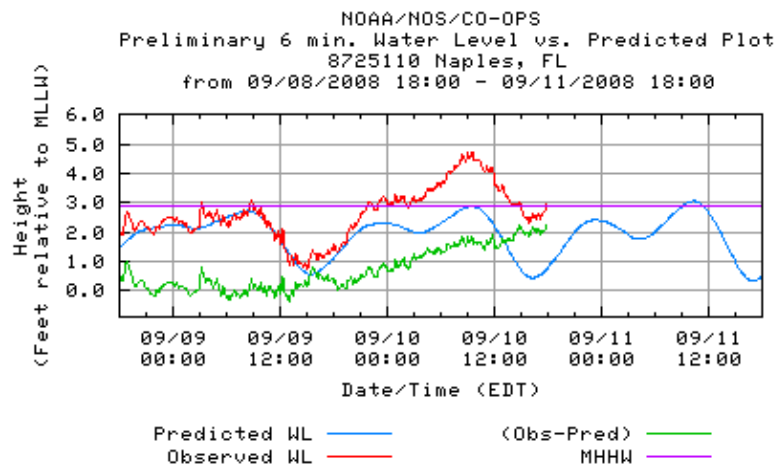


Last Observed Sample: 09/10/2008 17:48 (EDT)

Relative to **MLLW**: **Observed: 2.79 ft. Predicted: 2.18 ft. Residual: 0.61 ft.**

Historical Maximum Water Level: 11/15/1994, 1.9 ft. above **MHHW**

Naples, FL - Station Map [Return to List](#)

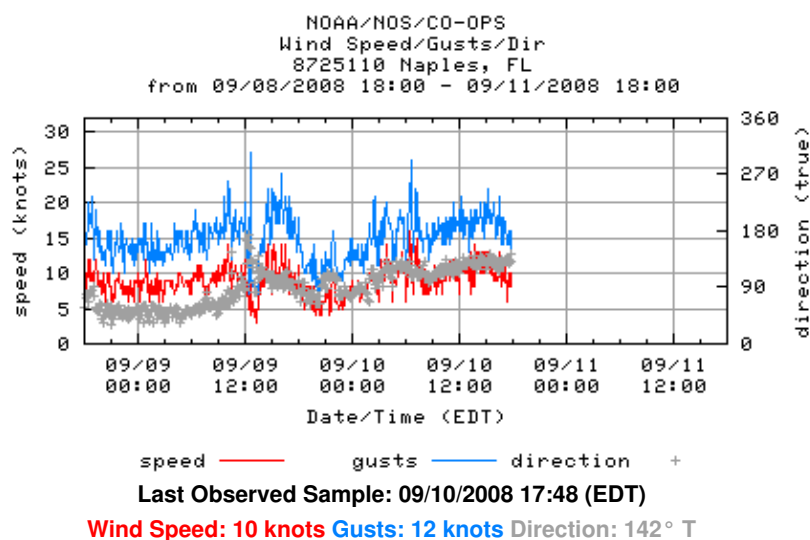


Last Observed Sample: 09/10/2008 17:48 (EDT)

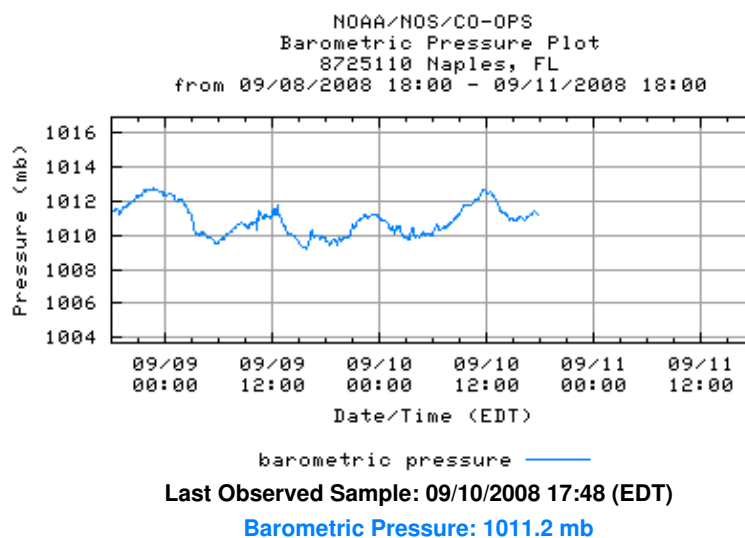
Relative to **MLLW**: **Observed: 2.95 ft. Predicted: 0.72 ft. Residual: 2.23 ft.**

Historical Maximum Water Level: 12/21/1972, 3.11 ft. above **MHHW**

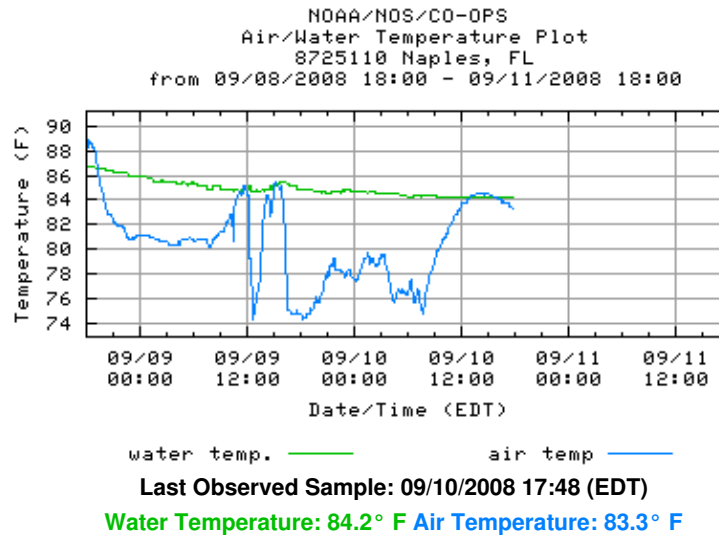
Naples, FL - Station Map [Return to List](#)



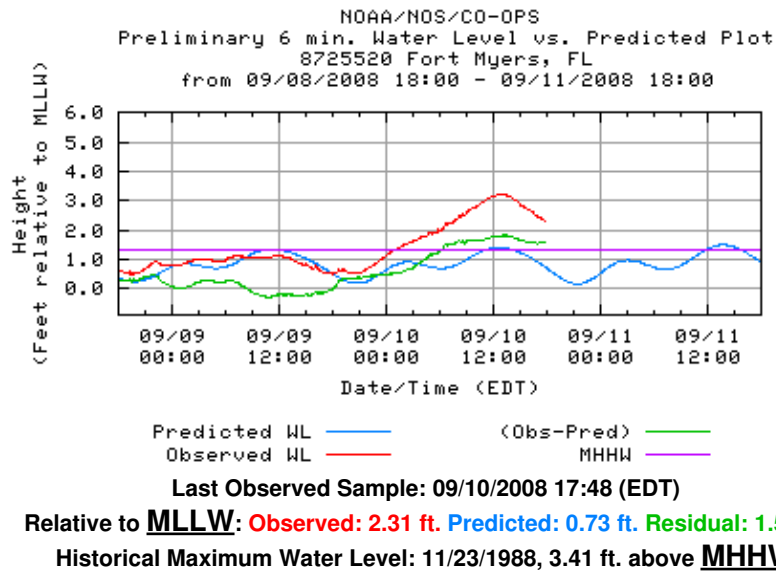
Naples, FL - Station Map [Return to List](#)



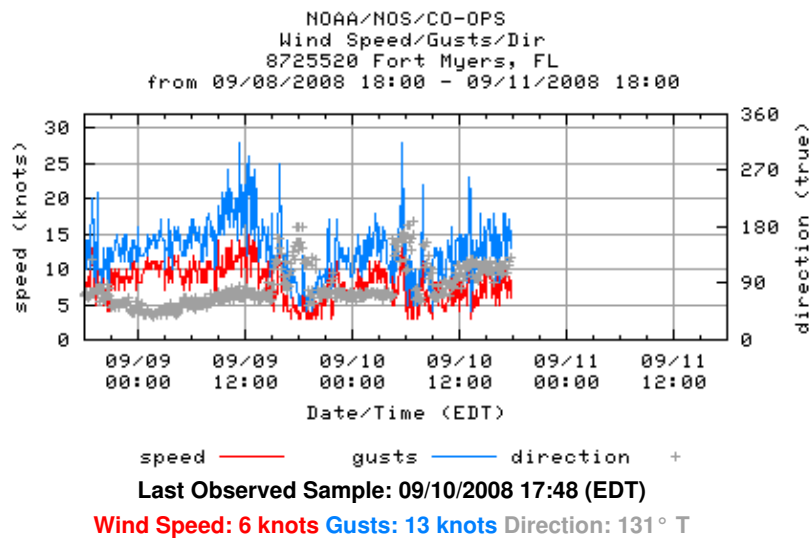
Naples, FL - Station Map [Return to List](#)



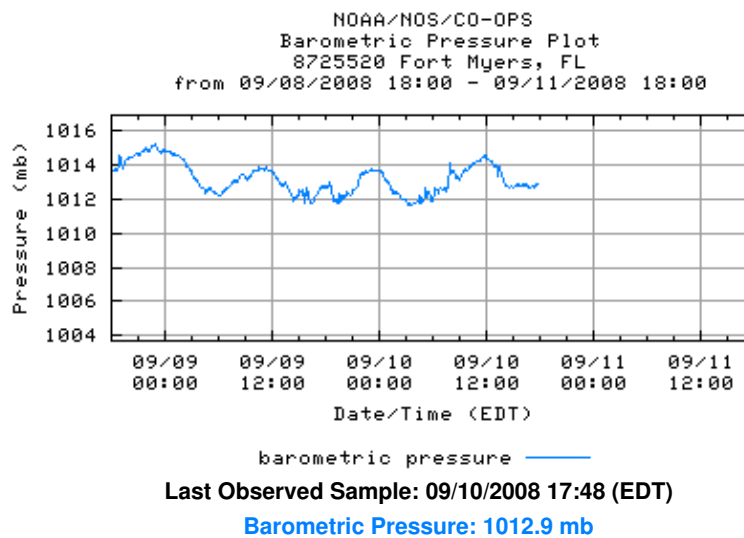
Fort Myers, FL - Station Map [Return to List](#)



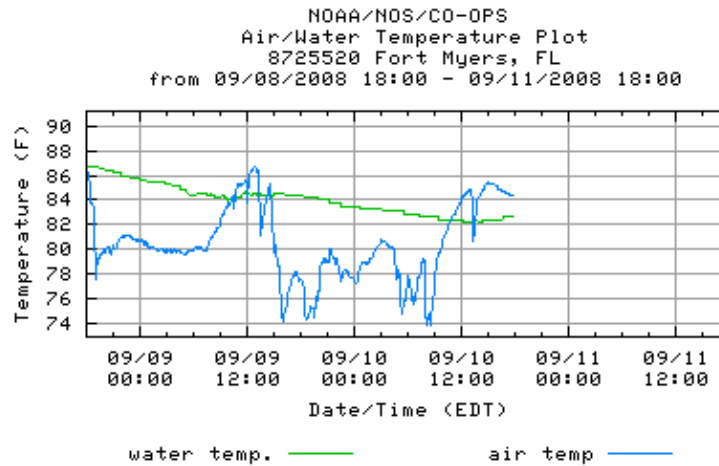
Fort Myers, FL - Station Map [Return to List](#)



Fort Myers, FL - Station Map [Return to List](#)



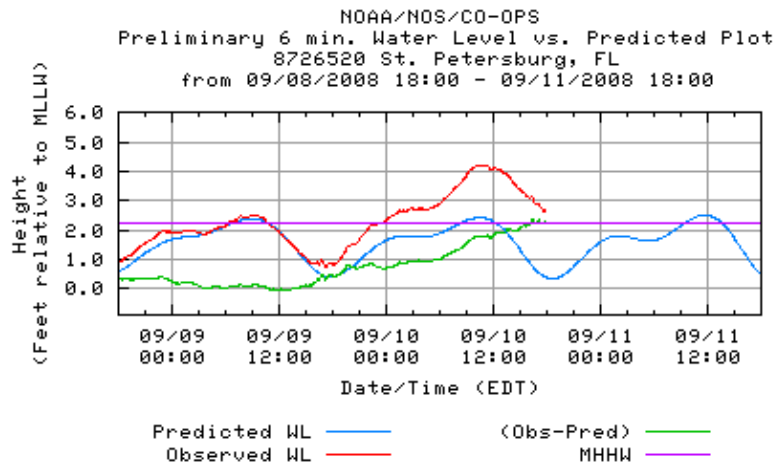
Fort Myers, FL - Station Map [Return to List](#)



Last Observed Sample: 09/10/2008 17:48 (EDT)

Water Temperature: 82.6° F Air Temperature: 84.4° F

St. Petersburg, FL - Station Map [Return to List](#)

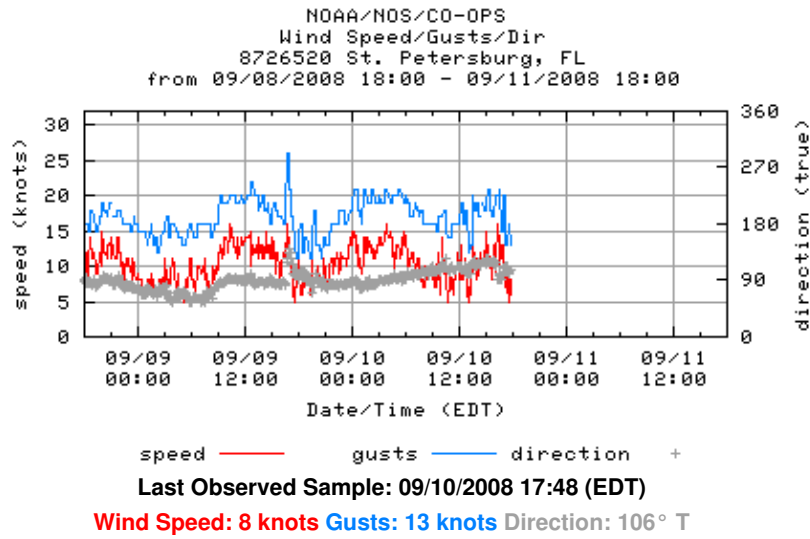


Last Observed Sample: 09/10/2008 17:48 (EDT)

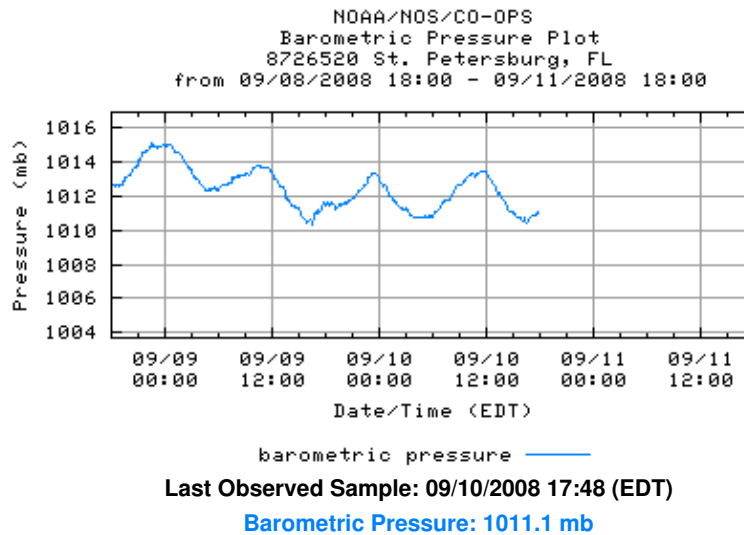
Relative to **MLLW**: Observed: 2.68 ft. Predicted: 0.40 ft. Residual: 2.28 ft.

Historical Maximum Water Level: 08/31/1985, 4 ft. above **MHHW**

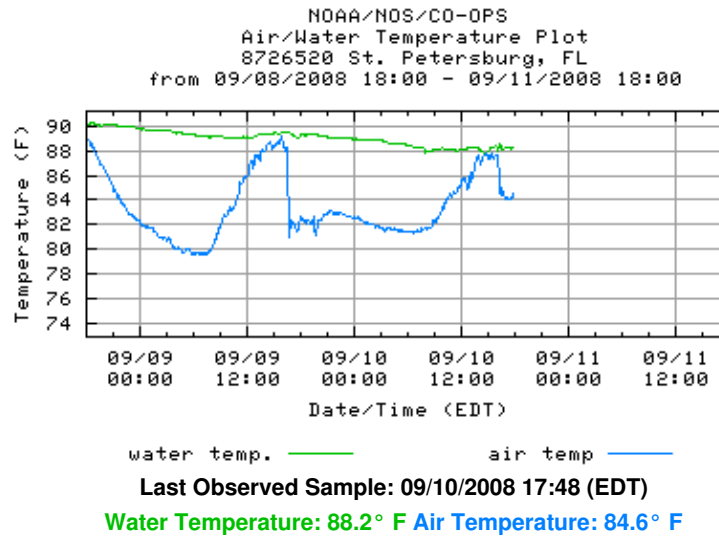
St. Petersburg, FL - Station Map [Return to List](#)



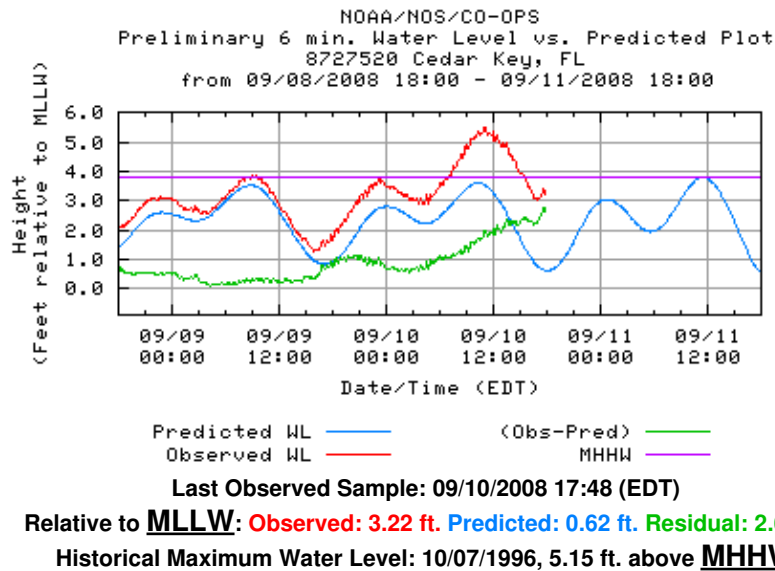
St. Petersburg, FL - Station Map [Return to List](#)



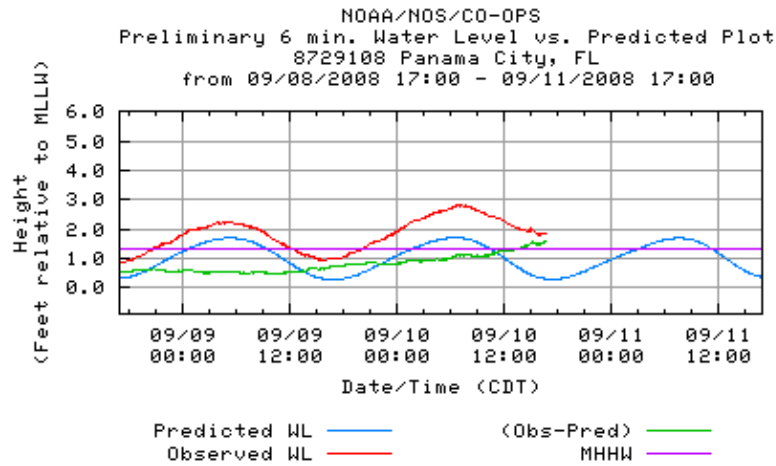
St. Petersburg, FL - Station Map [Return to List](#)



Cedar Key, FL - Station Map [Return to List](#)



Panama City, FL - Station Map [Return to List](#)

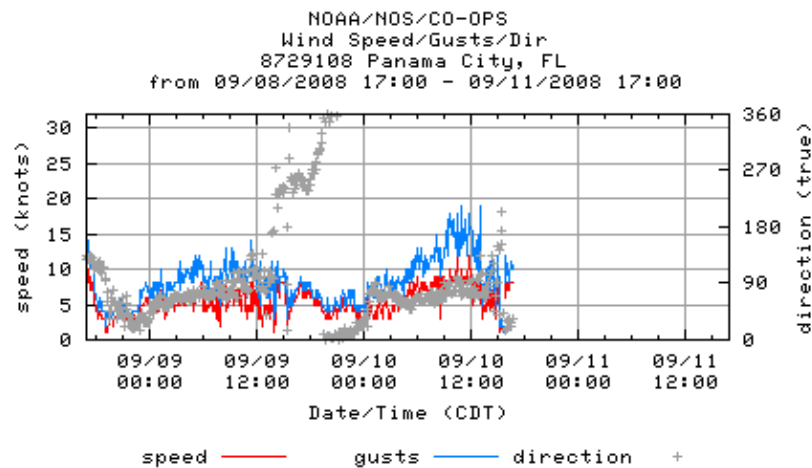


Last Observed Sample: 09/10/2008 16:42 (CDT)

Relative to **MLLW**: **Observed: 1.87 ft. Predicted: 0.30 ft. Residual: 1.57 ft.**

Historical Maximum Water Level: 10/04/1995, 5.72 ft. above **MHHW**

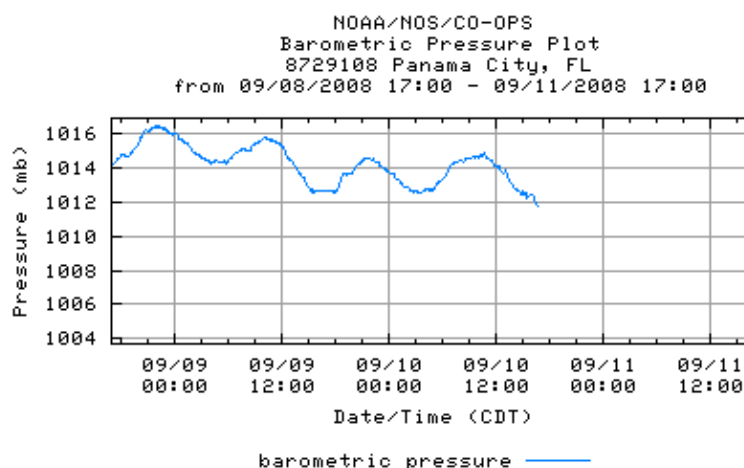
Panama City, FL - Station Map [Return to List](#)



Last Observed Sample: 09/10/2008 16:42 (CDT)

Wind Speed: 8 knots Gusts: 10 knots Direction: 033° T

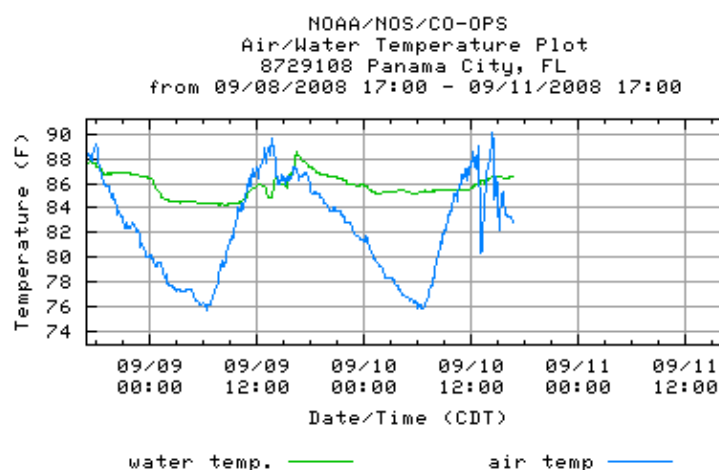
Panama City, FL - Station Map [Return to List](#)



Last Observed Sample: 09/10/2008 16:42 (CDT)

Barometric Pressure: 1011.8 mb

Panama City, FL - Station Map [Return to List](#)



Last Observed Sample: 09/10/2008 16:42 (CDT)

Water Temperature: 86.5° F Air Temperature: 82.9° F

Hurricane IKE QuickLook, POSTED 17:00 CDT 09/10/2008

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce